

# Integrated Unit Planner

## Critical Content/Concept Web

**Unit Theme:** Pythagorean Theorem

**Conceptual Lens:** Influence

**Unit Length:** 1 week

**Grade Level(s):** 9 - 12

### Unit Overview

What's Your Angle Pythagoras? Discover who created the pythagorean theorem and understand how it is used. Examine and practice using the formula from the key mathematician who designed it. Reading the literary text "What's Your Angle Pythagoras" and researching Pythagoras, we will understand the life and aspirations of the great creator and apply his theory to real life situations.

#### Mathematics

- \*Geometry Figures
- \*Pythagorean Theorem
- \*Formula's

#### Social Studies

- \*Research of Pythagoras
- \*Literary Text

### Designer(s): Erica Boudreau, Eric Hoover

Students will understand that...

\*The theorem was created by a mathematician named Pythagoras and its used in real-world situations to find the 3rd side of a right triangle.

Essential Question:

\*How did Pythagoras' Theorem influence mathematics and why is it important?

Mission Statement:

"To foster academic and personal excellence by cultivating essential skills and positive attitudes while educating students to become productive citizens."